

ABSTRACT OF THE DISCLOSURE

In a sampling tube-type smoke detector equipped with a smoke detection device detects smoke particles contained in the air suctioned from a monitored area through a sampling tube by an aspirator positioned in the downstream. The smoke detection device the sampling tube forms a lead-in tube and suctions air through the sampling tube in an almost straight line. The lead-in tube is formed with a smoke sensor unit to detect smoke particles contained in the air. The aspirator comprises a rotating part which forms an actuator mechanism that discharges the air. The central axis of the lead-in tube and the rotational axis of the actuator mechanism of the aspirator are almost the same axle. The sampling tube-type smoke detector is provided to reduce pressure loss in the airflow traveling from the smoke detection device to the aspirator and to supply a low cost, compact smoke detection device driven by a small-sized fan.